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Omni-ID™ Flex

Omni-ID Flex is a medium range tag with outstanding performance-to-size ratio. The Flex provides high-performance RFID tag identification in metallic or non-metallic environments with a low profile and a read range of over 16 feet.

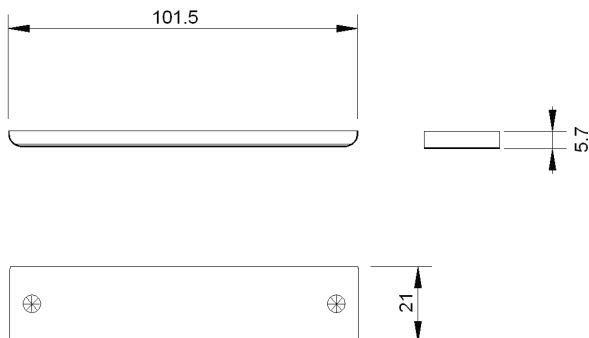


Omni-ID Flex comes standard with a printed label finish. It is also available in a low-profile ruggedized rigid case for applications with harsh environmental requirements.

Target Applications

The Flex tag's mid-range read distance and compact form factor is convenient for asset tracking and work-in-process applications. Flex tags are ideal for assets with limited surface areas, including:

- ▶ Laptops
- ▶ Pallets
- ▶ Carts
- ▶ Tools
- ▶ Construction helmets
- ▶ Manufacturing equipment
- ▶ Returnable Transport Items



Product Specifications

| | Flex Label | Flex ABS |
|--|---|---|
| Read Range (m) ¹ | Up to 5 (US) Up to 3.5 (EU) | Up to 5 (US) Up to 3.5 (EU) Up to 2.0 (JPN) |
| On Metal or Balanced | Balanced | Balanced |
| Size (mm) | 77 x 15 x 2.5 | 101.5 x 21 x 5.7 |
| Size (in) | 3 x 0.6 x 0.10 | 3.9 x 0.8 x 0.22 |
| Weight (g) | 2.9 | 11 |
| Encasement | Label | Rigid case (ABS) |
| Frequency Range (MHz) | 902–928 (US) 866–868 (EU) | 902–928 (US) 866–868 (EU) 952–954 (JPN) |
| IC Type (chip) | Alien Higgs 3 (US, EU) | Alien Higgs 3 Alien Higgs 2 (JPN) |
| User Memory (bits) | 512 | 512 |
| Operating Temperature (C) ² | +5 to +40 °C | -20 to +55 °C |
| Storage Temp. (C) ² | 0 to +50 °C | -20 to +65 °C |
| IP Rating | IP54 | IP68 |
| Shock and Vibration ³ | MIL STD 810-F BS EN 60068-2 | MIL STD 810-F BS EN 60068-2 |
| Attachment | Adhesive (std.) Foam Adhesive (optional) | Film Adhesive or manual (std.) Foam Adhesive (opt) |
| Order Number | 013-EU 013-US | 014-EU 014-US 006-JPN :503 (foam) |

1. Quoted performance achieved using standard Omni-ID test methodology, details available upon request.
 2. Temperature testing methodology in accordance with BS EN 60068-2-1 and BS EN 60068-2-2.
 3. Product designed to meet MIL STD 810-F and BS EN 60068-2. Please contact Omni-ID for further details.

Omni-ID™ Flex

Contact Information

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